





PATENT ABSTRACTS OF JAPAN

(11) Publication number: 06347773 A

(43) Date of publication of application: 22.12.94

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(54) SUBSTRATE FOR LIQUID CRYSTAL DISPLAY DEVICE

(57) Abstract:

PURPOSE: To provide a display element with which high-speed rewriting can be performed, can smoothly deal with animation images and can uniformly display, are possible by providing, a...substrate with through-holes, inserting a conductor therein and electrically connecting this substrate to electrode surfaces by utilizing tension.

CONSTITUTION: The surface of the plastic film substrate 2 on which ITO electrodes 3 are formed and the gap between the electrodes of the plastic film substrate 2 is provided with the holes 4 penetrating the substrate at least at two points. The conductor 1 is made to pass the through-hole 4 from the rear surface side of the substrate out through the ITO electrode surface, is bent and is made to pass the through-hole 4 at another one point and are fixed with an adhesive on the rear side of the substrate. The conductor is tightly adhered to the ITO surface by applying the tension on this conductor. The conductor is fixed to another through-hole 4 on the rear side of the substrate by using the adhesive in this state. One piece of the conductor disposed through two pieces one set of the through-holes 4 is connected in correspondence to all the electrodes forming dots. As a result, the high-speed plotting by static driving is possible.

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